

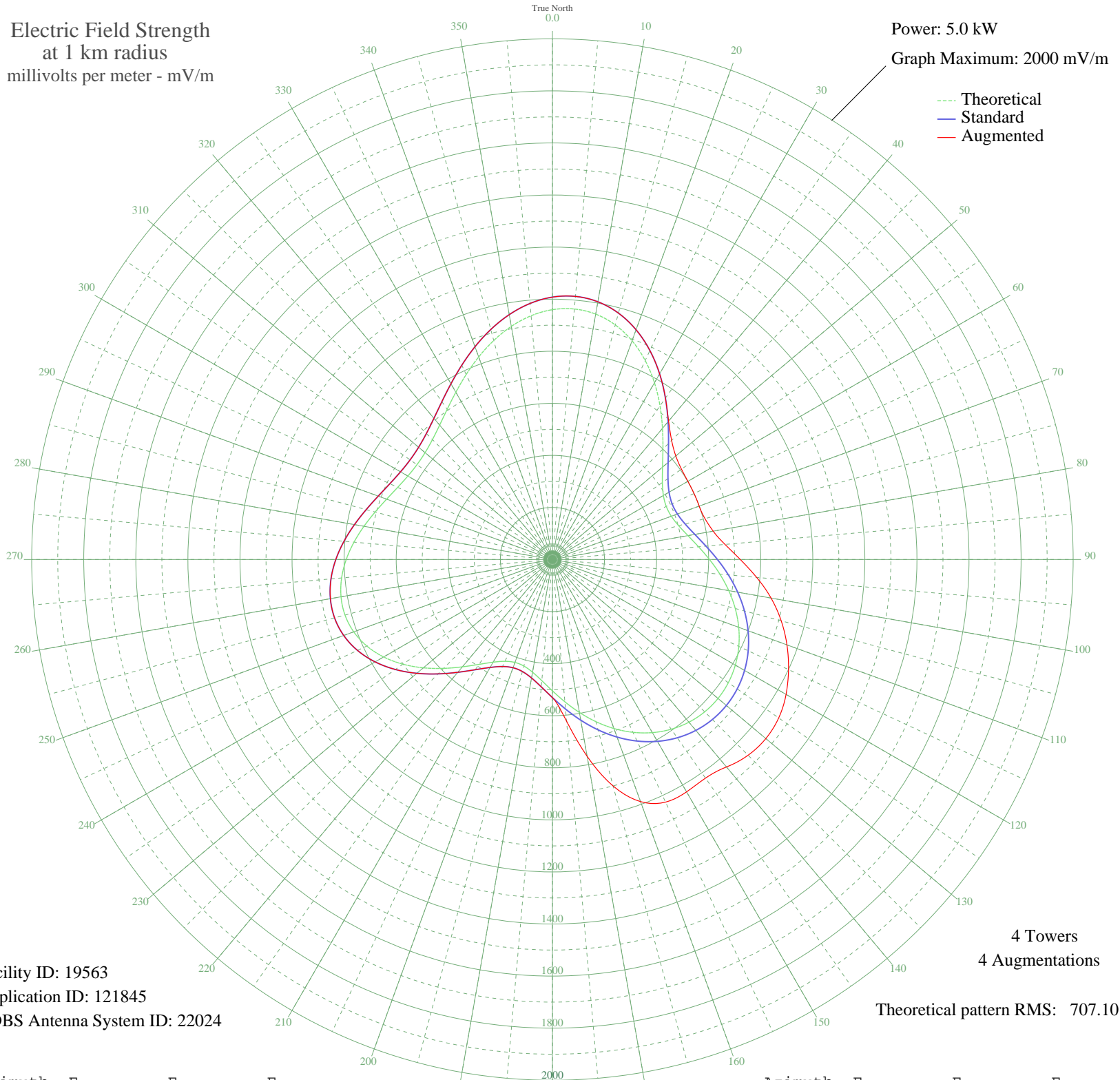
WGMF TUNKHANNOCK, PA BL-19881216AA 1460 kHz

Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 19563
Application ID: 121845
CDBS Antenna System ID: 22024

Theoretical pattern RMS: 707.10

Azimuth	Etheo	Estd	Eaug
0	959.64	1007.89	1007.89
5	965.91	1014.48	1014.48
10	957.13	1005.26	1005.26
15	932.90	979.82	979.82
20	894.16	939.16	939.16
25	843.29	885.77	885.77
30	783.88	823.41	823.41
35	720.40	756.78	756.78
40	657.66	690.95	694.17
45	600.27	630.72	647.36
50	552.00	580.08	618.62
55	515.48	541.77	605.06
60	492.15	517.29	600.77
65	482.43	507.10	600.05
70	486.03	510.87	599.77
75	501.96	527.58	606.56
80	528.50	555.43	627.00
85	563.24	591.87	665.34
90	603.30	633.90	721.62
95	645.72	678.41	787.23
100	687.70	722.47	852.70
105	726.89	763.59	909.73
110	761.40	799.82	958.60
115	789.84	829.67	1000.56
120	811.21	852.09	1036.20
125	824.83	866.39	1060.93
130	830.26	872.09	1070.00
135	827.25	868.93	1063.01
140	815.72	856.83	1040.10
145	795.76	835.87	1025.01
150	767.73	806.46	1030.45
155	732.35	769.32	1028.10
160	690.76	725.68	989.54
165	644.67	677.31	900.51
170	596.33	626.59	767.60
175	548.53	576.44	623.31

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	504.40	530.14	530.14
185	467.10	491.02	491.02
190	439.46	462.03	462.03
195	423.58	445.37	445.37
200	420.71	442.37	442.37
205	431.38	453.56	453.56
210	455.38	478.73	478.73
215	491.67	516.79	516.79
220	538.10	565.49	565.49
225	591.33	621.34	621.34
230	647.15	679.91	679.91
235	701.00	736.42	736.42
240	748.59	786.37	786.37
245	786.41	826.06	826.06
250	812.12	853.05	853.05
255	824.69	866.24	866.24
260	824.42	865.96	865.96
265	812.74	853.70	853.70
270	791.97	831.90	831.90
275	764.99	803.58	803.58
280	734.92	772.03	772.03
285	704.87	740.49	740.49
290	677.68	711.95	711.95
295	655.79	688.97	688.97
300	641.13	673.60	673.60
305	635.10	667.27	667.27
310	638.50	670.83	670.83
315	651.55	684.53	684.53
320	673.88	707.96	707.96
325	704.53	740.13	740.13
330	741.93	779.39	779.39
335	783.96	823.50	823.50
340	827.96	869.67	869.67
345	870.85	914.69	914.69
350	909.29	955.04	955.04
355	939.92	987.20	987.20